

PATENT

Case Docket No. LOMASR.026A

Date: January 6, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Paul Denney et al.
Appl. No. : 10/691,444
Filed : October 22, 2003
For : METHOD AND APPARATUS
FOR DETECTING EMBED-
DED REBAR WITHIN AN
INTERACTION REGION OF A
STRUCTURE IRRADIATED
WITH LASER LIGHT
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 6, 2004

(Date)

Bruce S. Itchkawitz, Reg. No. 47,677

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

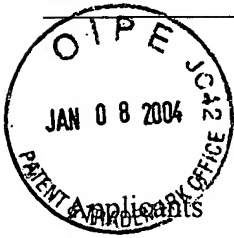
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with thirty-six (36) references, with copies of thirteen (13) references.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Bruce S. Itchkawitz
Registration No. 47,677
Attorney of Record
Customer No. 20,995
(949) 760-0404

**INFORMATION DISCLOSURE STATEMENT**

Applicants : Paul Denney et al.
App. No. : 10/691,444
Filed : October 22, 2003
For : METHOD AND APPARATUS FOR
DETECTING EMBEDDED REBAR
WITHIN AN INTERACTION REGION OF
A STRUCTURE IRRADIATED WITH
LASER LIGHT
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing thirty-six (36) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 1/6/04

By: Bruce S. Itchkawitz

Bruce S. Itchkawitz
Registration No. 47,677
Attorney of Record
Customer No. 20,995
(949) 760-0404

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
LOMASR.026AAPPLICATION NO.
10/691,444INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS
Paul Denney et al.FILING DATE
October 22, 2003GROUP
Unknown

U.S. PATENT DOCUMENTS

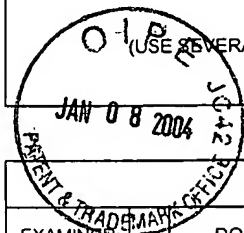
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|----|-----------------|----------|------------------|-------|----------|---------------------------------|
| | 1 | 3,871,485 | 03/18/75 | Keenan, Jr. | | | |
| | 2 | 4,227,582 | 10/14/80 | Price | | | |
| | 3 | 4,568,814 | 02/04/86 | Hamasaki et al. | | | |
| | 4 | 5,554,335 | 09/10/96 | Fields et al. | | | |
| | 5 | 5,592,283 | 01/07/97 | Flesher et al. | | | |
| | 6 | 5,657,595 | 08/19/97 | Fyfe et al. | | | |
| | 7 | 5,664,389 | 09/09/97 | Williams | | | |
| | 8 | 5,782,043 | 07/21/98 | Duncan et al. | | | |
| | 9 | 5,920,938 | 07/13/99 | Elcock et al. | | | |
| | 10 | 5,986,234 | 11/16/99 | Matthews et al. | | | |
| | 11 | 6,056,827 | 05/02/00 | Fukui et al. | | | |
| | 12 | 6,064,034 | 05/16/00 | Rieck | | | |
| | 13 | 6,114,676 | 09/05/00 | Jerby et al. | | | |
| | 14 | 6,288,362 B2 | 09/11/01 | Thomas et al. | | | |
| | 15 | 6,288,363 B1 | 09/11/01 | Kaga et al. | | | |
| | 16 | 6,417,487 B2 | 07/09/02 | Nagura et al. | | | |
| | 17 | 6,507,000 B2 | 01/14/03 | Otsubo et al. | | | |
| | 18 | 6,521,864 B2 | 02/18/03 | Bertez et al. | | | |
| | 19 | 6,614,002 B2 | 09/02/03 | Weber | | | |
| | 20 | 6,649,866 B2 | 11/18/03 | Reichmann et al. | | | |
| | 21 | 2003/0132210 A1 | 07/17/03 | Fujii et al. | | | |
| | 22 | 2003/0183608 A1 | 10/02/03 | Yamazaki et al. | | | |
| | 23 | 2003/0222062 A1 | 12/04/03 | Brown et al. | | | |

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

| | | | |
|---|--|----------------------------------|-------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. LOMASR.026A | APPLICATION NO. 10/691,444 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANTS Paul Denney et al. | |
| | | FILING DATE October 22, 2003 | GROUP Unknown |



| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|----|-----------------|----------|---------------------------------|-------|----------|-------------|----|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| | 24 | WO 00/37208 | 12/12/99 | Patent Cooperation Treaty (PCT) | | | | |
| | 25 | WO 03/028941 A1 | 04/10/03 | PCT | | | | |
| | 26 | WO 03/028943 A1 | 04/10/03 | PCT | | | | |
| | 27 | WO 03/061895 A1 | 07/31/03 | PCT | | | | |
| | 28 | JP 62179884 A | 08/07/87 | Japan | | | | |
| | 29 | JP 63157778 A | 06/30/88 | Japan | | | | |
| | 30 | JP 63157780 A | 06/30/88 | Japan | | | | |
| | 31 | JP 03081080 A | 04/05/91 | Japan | | | | |
| | 32 | JP 04316000 A | 11/06/92 | Japan | | | | |
| | 33 | JP 10331434 A | 12/15/98 | Japan | | | | |
| | 34 | JP 11019785 A | 01/26/99 | Japan | | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
|---------------------|--|---|
| | 35 | PCT International Search Report dated September 23, 2003 in 5 pages. |
| | 36 | "Study on Laser Cutting of Concrete," Hiroshi Yoshizawa, Sivakumaran Wignarajeh, and Hideaki Saito, <u>Transactions of the Japan Welding Society</u> , Vol. 20, No. 1, April 1989, pp. 31-36. |

H:\DOCS\BSI\BSI-5002.DOC:sam
010604

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |